

MADERA COUNTY
CLINICAL LABORATORY TECHNOLOGIST

DEFINITION

Under general supervision, to perform professional clinical laboratory analysis involving hematology, serology, biochemistry, toxicology, urinalysis, and microbiology; and to do related work as required.

SUPERVISION EXERCISED

Exercises no supervision.

DISTINGUISHING CHARACTERISTICS

The Clinical Laboratory Technologist is primarily oriented to performing laboratory procedures necessary for the diagnosis of disease and treatment of individual patients. Incumbents of this class perform laboratory tests in such fields as hematology, serology, biochemistry, toxicology, urinalysis, and microbiology.

This class is distinguished from the Public Health Microbiologist which is primarily oriented to performing laboratory procedures necessary to establish diagnosis for control of communicable diseases and other agents having a negative effect on community health.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

Draws blood from patients manually or by machine; processes, analyzes, records, and reports test results on blood, urine spinal fluid, body fluids, and stools; prepares and/or maintains reagents and supplies as needed; maintains quality control and preventative maintenance to ensure standardization and validity of test results; operates and maintains highly technical automated and computerized equipment; assists in training and orientation of new employees; records and reports test results; maintains records as necessary.

OTHER JOB RELATED DUTIES

Performs related duties and responsibilities as assigned.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

Basic phlebotomy methods and techniques.

Principles of laboratory methods, materials, terminology, and techniques.

Principles of hematology, serology, biochemistry, toxicology, urinalysis, and micro-biology.

Knowledge of:

Basic principles of physical and life sciences.
Universal precautions and sterile techniques.
Use and care of automated and computer equipment.

Skill to:

Operate automated and computerized laboratory equipment
Operate modern office equipment including computer equipment.

Ability to:

Independently perform a variety of laboratory tests and procedures.
Develop and implement operational, clinical laboratory procedures.
Work independently in the absence of supervision.
Plan and organize work to meet schedules and deadlines.
Interpret and apply pertinent Federal, State, and local laws, codes, and regulations pertaining to clinical laboratory services and operations.
Maintain accurate records and documentation of analysis.
Research regulations, procedures, and/or technical reference materials.
Maintain confidentiality of information and data.
Understand and follow oral and written instructions.
Perform routine and repetitive laboratory tasks.
Communicate clearly and concisely, both orally and in writing.
Establish, maintain, and foster positive and harmonious working relationships with those contacted in the course of work.

Experience and Training Guidelines:

Any combination equivalent to experience and training that would provide the required knowledge, skills, and abilities would be qualifying. A typical way to obtain the knowledge, skills, and abilities would be:

Experience:

Four years of increasingly responsible experience as a Clinical Laboratory Technologist.

Training:

Equivalent to a Bachelor's degree from an accredited college or university with major course work in chemistry, bacteriology, or a related field.

License or Certificate:

Possession of a valid California Clinical Laboratory Technologist license issued by the State Department of Health Services.

Special Requirements:

Essential duties require the following physical skills and work environment:

Ability to work in a standard laboratory environment with exposure to chemicals including contaminated material, blood, and airborne pathogens.

Effective Date: May, 1995